

### **Amendments to the Claims**

Please amend the claims in the manner indicated.

1-6. (cancelled)

7. (original) An apparatus, comprising

a first electronic device adapted to:

organize multiple second electronic devices into a group having similar  
predicted durations for data transmissions, and

transmit polls substantially simultaneously to ones of the second electronic  
devices within the group.

8. (original) The apparatus of claim 7, wherein the first electronic device is further  
adapted to receive the data transmissions from the second electronic devices within the  
group substantially simultaneously.

9. (original) The apparatus of claim 7, wherein the first electronic device is further  
adapted to transmit acknowledgements to the wireless devices within the group  
substantially simultaneously.

10. (original) The apparatus of claim 7, wherein the first electronic device is further adapted to transmit polls to other second electronic devices within another group substantially simultaneously.

11. (original) The apparatus of claim 7, wherein the first electronic device is further adapted to receive the predicted durations in transmissions from the second electronic devices.

12. (original) The apparatus of claim 7, wherein the first electronic device is further adapted to determine the predicted durations based on durations of previously received transmissions from the second electronic devices.

13. (original) The apparatus of claim 7, wherein the apparatus comprises:  
a computing platform; and  
at least four antennas coupled to the computing platform.

14. (original) The apparatus of claim 13, wherein the apparatus further comprises at least four modulator/demodulators coupled between the computing platform and the at least four antennas.

15. (original) A method, comprising:  
organizing multiple electronic devices into a first group having indicators for predicted durations of subsequent transmissions within a particular range of a first value

and into a second group having indicators for predicted durations of subsequent transmissions within a particular range of a second value;

transmitting data polls to the electronic devices in the first group substantially simultaneously; and

transmitting data polls to the electronic devices in the second group substantially simultaneously, subsequent to said transmitting to the electronic devices in the first group.

16. (original) The method of claim 15, further comprising receiving the indicators for the predicted durations in transmissions from the electronic devices, prior to said organizing.

17. (original) The method of claim 15, further comprising determining the indicators for the predicted durations based on durations of previously received transmissions from the electronic devices, prior to said organizing.

18-20. (cancelled)

21. (original) A machine-readable medium that provides instructions, which when executed by a processing platform, cause said processing platform to perform operations comprising:

organizing multiple electronic devices into a first group having indicators for predicted durations of subsequent transmissions within a particular range of a first value

and into a second group having indicators for predicted durations of subsequent transmissions within a particular range of a second value;

transmitting data polls to the electronic devices in the first group substantially simultaneously; and

transmitting data polls to the electronic devices in the second group substantially simultaneously, subsequent to said transmitting to the electronic devices in the first group.

22. (original) The medium of claim 21, wherein the operations further comprise receiving the indicators for the predicted durations in transmissions from the electronic devices, prior to said organizing.

23. (original) The medium of claim 21, wherein the operations further comprise determining the indicators for the predicted durations based on durations of previously received transmissions from the electronic devices, prior to said organizing.

24-26. (cancelled)